



Docket: 14676.01

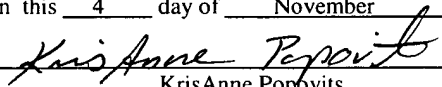
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|-----------------------|--|-------------------------|
| First Named Inventor: | Mark J. Pavicic | |
| Application No.: | 10/600,319 | |
| Filing Date: | June 20, 2003 | Examiner: Not Yet Known |
| Title: | SYSTEM FOR DIGITIZING TRANSIENT SIGNALS | Group Art Unit: 2819 |

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

I hereby certify that this document is being sent via First Class U.S. mail addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 4 day of November, 2003.


KrisAnne Popovits

Dear Sir:

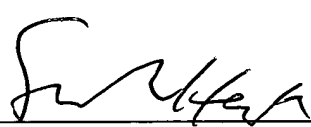
The following documents are enclosed in connection with the above-referenced patent application:

1. Information Disclosure Statement Under 37 CFR 1.97(b) (1 page);
2. Form PTO/SB/08A (4 pages, submitted in duplicate);
3. Copies of 43 References Cited; and
4. Return Receipt Postcard.

Respectfully submitted,

DORSEY & WHITNEY LLP
Customer Number 25763

Date: Nov. 4, 2003

By: 
Stuart R. Hemphill
Reg. No. 28,084
Intellectual Property Department
Suite 1500
50 South Sixth Street
Minneapolis, MN 55402-1498
(612) 340-2734



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**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR § 1.97(b)**

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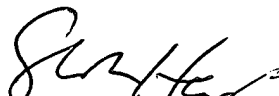
Pursuant to 37 CFR § 1.97(b), the references listed on the attached Form PTO/SB/08A (4 sheets, submitted in duplicate) are brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Copies of the identified references are enclosed as necessary. This IDS is being filed before the mailing of a first office action on the merits. In accordance with 37 CFR § 1.97(b), no statement or fee is required.

Pursuant to the Manual of Patent Examining Procedure, Chapter 609, applicant requests that the Examiner consider each of the listed documents and initial and return to the undersigned a copy of the enclosed Form PTO/SB/08A (submitted in duplicate).

Respectfully submitted,

DORSEY & WHITNEY LLP
Customer Number 25763

Date: Nov 4, 2003

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

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| Art Unit | 2819 |
| Examiner Name | Not Yet Known |

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| Sheet | 1 | of | 4 | Attorney Docket Number | 14676.01 |
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U.S. PATENT DOCUMENTS

| *Examiner Initials | Cite No. | DOCUMENT NUMBER Number - Kind Code (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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| | | Country Code: | Number - Kind Code (if known) | | | | YES | NO |
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| Examiner Name | Not Yet Known |
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of

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OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

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|-----------------------|-------------|--|--------------------------|--------------------------|
| | | | YES | NO |
| | | R. Ball & D. Nitz, "A First Look at Switched Capacitor Array Technology", May 1996; pp. 1-11. | <input type="checkbox"/> | <input type="checkbox"/> |
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| | | M.S. Emery et al., "A Multi-Channel ADC for Use in the PHENIX Detector", IEEE Trans Nucl Sci, Vol. 44, No. 3, June 1997; pp. 374-378. | <input type="checkbox"/> | <input type="checkbox"/> |
| | | M.S. Emery et al., "Timing and Control Requirements for a 32-Channel AMU-ADC ASIC for the PHENIX Detector", IEEE N5597 Nuc Sci Sym, New Mexico, Nov. 1997. | <input type="checkbox"/> | <input type="checkbox"/> |
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OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

| *Examiner Initials | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | TRANSLATION | |
|-----------------------|-------------|--|--------------------------|--------------------------|
| | | | YES | NO |
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| | | "Conceptual Design Report of the 0.1 km ² Detector", ANTARES Internal Doc, Dec. 1999; pp. 27-28, 42-43. | <input type="checkbox"/> | <input type="checkbox"/> |
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| | | | YES | NO |
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| | | Datasheet for Maxim MAX108 8-bit 1.5 GS/s ADC, Sept 1999. | <input type="checkbox"/> | <input type="checkbox"/> |
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| | | W. O. LeCray, Jr., "Current-Sampling Waveform Acquisition For Digital Oscilloscope And Detector Applications", 5 th Int Conf on Calorimetry in High-Energy Physics, New York, 1994; pp. 436-441. | <input type="checkbox"/> | <input type="checkbox"/> |
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